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REPORT

OF THE

MEDICAL OFFICER OF HEALTH

OF THE

URBAN DISTRICT COUNCIL OF SHILDON

MINISTRY OF HEALTH LIBRARY

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THE URBAN DISTRICT COUNCIL OF SHILDON

1962

Chairman of the Council: Councillor K. Newby, J.P.

Vice-Chairman: Councillor F. J. Robson

Chairman of the Health Committee: Councillor W. Nunn

Chairman of the Housing Committee: Councillor W. Edwards

Councillors:

Mrs. M. Aston
E. Barlow
T. Bennett
C. J. Campbell
P. R. Douthwaite
Mrs. M. Dodds
W. Francis
M. S. Gibson
J. Howe
G. W. Kirtley
F. H. Manners
R. Moyle
F. Pickering
A. J. Richardson
F. Thornton
B. Walker, J.P., C.C.

Public Health Officers of the Local Authority

Medical Officer of Health (part-time):
J. M. Hegarty, M.B., B.CH., B.A.O., D.P.H.

Public Health Inspector:
W. K. Hill, M.B.E., M.P.H.I.A., C.I.Hsg.

Additional Public Health Inspector:
K. Robson

Clerical Assistant:
S. Thompson

Annual Report of the Medical Officer of Health

YEAR ENDING 31st DECEMBER, 1962

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in submitting to you the Annual Report on the Health and Sanitary conditions of your District for 1962.

Vital statistics afford a means of comparison between the Health of a District in different years and with the rest of the Country.

It is very pleasing to be able to state that the vital statistics compare very favourably with the previous year and with those of the country as a whole.

The Birth Rate is about the same, but the death rate is very much lower. There were 144 Deaths. Of these much more than half reached 70 years; 47 died between 70 and 80; 37 between 80 and 90, and 3 were over 90 years of age. Two children aged 2 and 3 years respectively died suddenly from a very unusual cause—nicotine poisoning.

The Still Birth Rate is very much lower and the Infantile Mortality Rate is only about one third of what it was last year. Both these figures for 1961 were very much lower than the previous year. There were only 4 infant deaths. Of these 1 died aged 1 day from Atelectasis associated with Mongolism; 1 aged 4 hours from prematurity associated with an Antepartum haemorrhage; 1 aged 2 weeks from Intestinal obstruction and Peritonitis associated with prematurity (Wt. $2\frac{1}{2}$ lbs.) and the fourth died aged 6 months from Bronchopneumonia associated with Congenital Heart Disease. In each case there was either prematurity or abnormality. These figures give a standard Infant Mortality Rate of 18.87; a Neo-natal Mortality Rate of 14.16 and a Perinatal Mortality Rate of 32.38.

Cases of Cancer of all parts of the body increased by $33\frac{1}{3}\%$, but those due to Cancer of the Lung again decreased—6 in 1961; 5 in 1962. Propaganda has had some effect on the smokers, but whether of a lasting nature is difficult to assess.

Notifications of Pulmonary Tuberculosis were 6—one more than last year. This is still low in comparison with other years. One Non-pulmonary case was notified.

During the Mass Radiography Unit's visit to the district 739 persons attended which resulted in two cases of Tuberculosis being discovered.

Vaccination against Tuberculosis is carried out each year in the schools. The response is good and the co-operation afforded by all Head Teachers continues to be excellent.

There were 4 cases of Scarlet Fever notified and 11 of Measles. This is the first year in which there was not a notified case of Whooping Cough. Immunisation against this disease would seem to be having a good effect in the area. This was a very good year from the point of view of Infectious Disease Notifications; there were only 59 altogether. This includes 19 cases of Dysentery and 19 of Pneumonia.

The introduction of vaccination against Poliomyelitis by the oral method was commenced in April. This was a great advance on the injections. It gives better results as well as being more acceptable to children and indeed to adults too. Vaccinations were carried out at all schools and open sessions were held at the Friends' Meeting House.

In January a Smallpox Contact was reported from a factory in the Bishop Auckland area. As a precaution the Urban District Council personnel and their families were vaccinated.

The new office extensions for the Health Department were occupied in January. These offices have provided much better accommodation both for the staff and the public.

During the year progress was made in the Slum Clearance Programme and it is anticipated that the Clearance of the Auckland Terrace Area will provide sites for up to 44 Bungalows with Warden service for the old people.

In view of what has happened to the fittings in the Council houses supplied with water from the Mainsforth Colliery, it would be a wise precaution if the Durham County Water Board drew the attention of all private consumers of this water to its action.

Of the two decontrolled tips one was closed during the year. It is anticipated that the other will be closed by the end of 1963 when we will be left with one Controlled Tip.

The Sewage works turns out an effluent which meets with the approval of the River Board.

Discussions with regard to the re-developments of the village of Middridge have taken place with the County Planning Authority. Once these are finalised a scheme will be prepared for the re-sewering of the village and for improvements to the existing disposal system.

VITAL STATISTICS

POPULATION

The Registrar General's figures for the Area at Mid 1962, show the resident population as 14,130, this being an increase of 60 over the previous year. The Comparability Factors for Shildon are:—

Births	0.97
Deaths	1.17

Live Births	Male	Female		
Number	122	126	=	248
Rate per 1,000 population				17.03 Standard.

Illegitimate Live Births (per cent. of total live births): 4.43%

Still Births:

	Male	Female		
Number	3	2	=	5

Rate per 1,000 total live and still births: 19.17

Total Live and Still Births:

	Male	Female	Total
Live	122	126	248
Still Births	3	2	5

Rate per 1,000: 17.37

Infants Deaths (deaths under one year):

1	3	4

Infant Mortality Rates:

Total infant deaths per 1,000 total live births: 18.87

Legitimate infant deaths per 1,000 legitimate live births: 19.75

Illegitimate infant deaths per 1,000 illegitimate live births: Nil

Neo-Natal Mortality Rate (deaths under four weeks per 1,000 total live births): 14.16

Early Neo-Natal Mortality Rate (deaths under one week per 1,000 total live births): 9.43

Perinatal Mortality Rate (still births and deaths under one week combined per 1,000 total live and still births): 32.38

Maternal Mortality (including abortion):

Number of Deaths: Nil

Rate per 1,000 total live and still births: Nil

Death Rate:

Shildon Area ... ... 10.2 per 1,000 population

England and Wales ... 11.9 „ „

Deaths in Shildon Area, as per Returns to the Medical Officer of Health 87

Deaths of Shildon Residents outside the area ... 57

Infantile Mortality Rate:

The number of Deaths of children under the age of one year is 4, representing an Infantile Mortality Rate per 1,000 Live Births of 18.87. Of these 4, only 1 occurred in Shildon.

The Infantile Mortality figure for England and Wales is 20.7 per 1,000 Live Births.

SUMMARY OF STATISTICS

	Death Rate per 1,000 pop'n	Inf. Mort. Rate per 1,000 Live Births	Still Birth Rate per 1,000 Live and Still Births	Birth Rate per 1,000 pop'n	Live and Still Birth Rate per 1,000 popula-tion
Country Average (England & Wales)...	11.9	20.7			18.1
Shildon	10.20	18.87	17.37	17.03	

Births in excess of Deaths:

1950	... ...	56	
1951	... ...	52	
1952	... ...	58	
1953	... ...	64	
1954	... ...	61	
1955	... ...	27	
1956	... ...	71	
1957	... ...	50	
1958	... ...	98	
1959	... ...	74	
1960	... ...	34	
1961	... ...	101	
1962	... ...	104	

Population Changes:

1955	14,160
1956	14,050
1957	13,960
1958	13,920
1959	13,910
1960	13,920
1961	14,070
1962	14,130

Age Groups of Deaths in Shildon:

Under 1 yr.	1–5	5–15	15–25	25–45	45–60	60–70	70–80	Over 80	Total
1	—	—	—	3	15	18	25	22	84

Age Groups of Deaths Outside the Area:

Under 1 yr.	1–5	5–15	15–25	25–45	45–60	60–70	70–80	Over 80	Total
3	2	2	1	8	6	6	18	14	60

Causes of Death, 1962	Male	Female
All Causes	72	72
Tuberculosis (respiratory)	—	—
Tuberculosis (other)	—	—
Syphilitic disease	—	—
Diphtheria	—	—
Whooping Cough	—	—
Meningococcal infections	—	—
Acute Poliomyelitis...	—	—
Measles	—	—
Other infective and parasitic diseases	—	1
Malignant neoplasm, stomach	2	5
Malignant neoplasm, lung, bronchus	3	2
Malignant neoplasm, breast	—	—
Malignant neoplasm, uterus	—	—
Other malignant and lymphatic neoplasms ...	7	5
Leukaemia, aleukaemia	2	—
Diabetes	—	2
Vascular lesions of nervous system	12	13
Coronary disease, angina	20	10
Hypertension with heart disease	—	2
Other heart disease...	5	8
Other circulatory disease	5	7
Influenza	1	—
Pneumonia	3	3
Bronchitis	2	—
Other disease of respiratory system	—	—
Ulcer of stomach and duodenum...	1	—
Gastritis, enteritis and diarrhoea	—	—
Nephritis and nephrosis	1	3
Hyperplasia of prostate	—	—
Pregnancy, childbirth, abortion	—	—
Congenital malformations...	1	1
Other defined and ill-defined diseases	1	7
Motor vehicle accidents	2	1
All other accidents	1	2
Suicide	3	—
Homicide and operations of war	—	—
	72	72

INFECTIOUS DISEASES

Table of Cases as notified in the Whole District, set out in age groups (Civilians only)

Infectious Disease	Under 1 yr.	1–2	2–3	3–4	4–5	5–10	10–15	15–20	20–35	35–45	45–61	61 & over	At all ages
Scarlet Fever	—	—	—	—	4	—	—	—	—	—	—	—	4
Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia	—	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia	—	—	—	—	—	1	1	—	1	5	2	9	19
Whooping Cough	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles	2	1	2	2	1	3	—	—	—	—	—	—	11
Erysipelas	—	—	—	—	—	—	—	—	—	—	—	—	—
Poliomyelitis	—	—	—	—	—	—	—	—	—	—	—	—	—
TUBERCULOSIS:													
1. MALES:													
(a) Pulmonary	—	—	—	—	—	—	—	—	1	—	2	1	4
(b) Non Pulmonary ...	—	—	—	—	—	—	—	—	—	—	—	—	—
2. FEMALES:													
(a) Pulmonary	—	—	—	—	—	—	—	—	2	—	—	—	2
(b) Non Pulmonary ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Paratyphoid Fever	—	—	—	—	—	—	—	—	—	—	—	—	—
Meningitis	—	—	—	—	—	—	—	—	—	—	—	—	—
Food Poisoning	—	—	—	—	—	—	—	—	—	—	—	—	—
Encephalitis	—	—	—	—	—	—	—	—	—	—	—	—	—
Dysentery	1	1	—	1	1	6	6	1	2	—	—	—	19
	3	2	2	3	6	10	7	1	6	5	4	10	59

TUBERCULOSIS

The following cases remained on the Register at the end of the year:

	Pulmonary	Non-Pulmonary	Total
Males	70	8	78
Females... ...	54	15	69
	124	23	147

This shows an increase of 6 Pulmonary Cases and 1 Non-Pulmonary Case over the previous year.

The number of known Tuberculosis Cases in the District represents 1.04% of the population, an increase of .06% over the previous year.

There were 7 Cases notified during the year in the following age groups:

	Pulmonary		Non-Pulmonary	
	Male	Female	Male	Female
Under 1 year	—	—	—	—
1–5 years	—	—	—	—
5–10 ,, ...	—	—	—	—
10–15 ,, ...	—	—	—	—
15–20 ,, ...	—	—	1	—
20–25 ,, ...	—	—	—	—
25–30 ,, ...	1	2	—	—
30–35 ,, ...	—	—	—	—
35–40 ,, ...	—	—	—	—
40–45 ,, ...	—	—	—	—
45–50 ,, ...	1	—	—	—
50–55 ,, ...	1	—	—	—
55–60 ,, ...	—	—	—	—
60–65 ,, ...	1	—	—	—
	4	2	1	—

VACCINATION RETURNS FOR THE YEAR 1962

B.C.G. Vaccination:—

156 No. — Children Heaf tested.
17 No. — Children positive.
131 No. — Children negative.
131 No. — Children vaccinated.

These figures apply to children attending schools in the Shildon Urban District.

Poliomyelitis Vaccinations:—

The number of vaccinations carried out during the year was as follows:

56 No. — Received 1st vaccinations (Oral)
79 No. — Received 2nd ,, (Oral)
1,025 No. — Received 3rd ,, (Oral)
83 No. — Received one Oral after two injections.
312 No. — Received third injections.
81 No. — Received two injections — Salk.
30 No. — Received 4th injections — Salk.
39 No. — Received one dose oral after 3 — Salk.

Immunisation against Diphtheria (Singly or in Combination)

The following children were treated during the year in their homes, doctors' surgeries or County Clinics:—

193 No. — Received primary full courses of immunisation treatment.
56 No. — Received " booster " doses.

Whooping Cough. (Singly or Combination)

176 No. — Received primary injections.
62 No. — Received " booster " doses.

Smallpox Vaccination.

540 No. — Primary vaccinations and 245 No. re-vaccinations were carried out during the year.

Home Helps.

102 No. — Homes in the area have received the Home Help service.

PARTICULARS OF DISTRICT

Area (in acres) including Eldon, Old Eldon, Middridge and Brusselton	4,828
No. of inhabited houses in the District of which 63 were constructed during the year, 30 Condemned/Closed and Demolition Orders served under Section 17 of the Housing Act, 1957, 11 and 16 of the Housing Act, 1936. The tenants of such houses demolished being re-housed by this Council	4,651
Sum represented by a Penny Rate	£395
Rateable Value	£104,480

SANITARY CIRCUMSTANCES OF THE AREA

Refuse Collection:

Domestic, Shop and Trade Refuse is collected throughout the area by regular weekly collection provided by the Council. The disposal of the refuse is done by 90% controlled tipping at Sunnydale Tip in a most satisfactory manner. The remainder of the refuse has either been deposited at the uncontrolled Tip at Adelaide Bank or at Old Eldon, Adelaide Tip was discontinued as a Tip from September, 1962, and, every effort is to be made in 1963, to complete the filling in of Eldon Tip to ensure that all refuse will be dealt with by Controlled Tipping on the Sunnydale Tip.

The amount of paper and cardboard in domestic refuse continues to increase in relation to ash, etc., to a very considerable extent and this, of course, leads to the problem of conveying such bulky quantities on the present vehicles; and trial tests have been carried out during the year with rear loading bulk refuse vehicles with a view to introducing these for refuse collection in 1963.

Collection of Salvage:

This service is continued along with the normal collection of household refuse in the area.

Description	Tons	Cwts.	£	s.	d.
Waste Paper (all types) ...	4	12	35	13	0
Scrap Metal	10	8	109	11	6

SANITARY CIRCUMSTANCES OF THE AREA—
continued

Shopkeepers and owners of other trade premises are again asked to either tie their waste cardboard and papers into bundles or compress them into packages in boxes for collection purposes and, unless this is done, it will not be practical for the Council to collect this type of refuse.

The practice of storing large quantities of cardboard and paper in small rooms and outbuildings leads to great difficulty in the collection of these by the Council vehicles. The Council have a contract with the Thames Board Mills Ltd, Purfleet, Essex, for the purchase of the waste paper baled and rags and metals collected are sold to the local scrap merchants.

Drains and Sewerage:

The drains and sewers continue to work in a satisfactory manner and the Sewage Works gives excellent results. All new drains to buildings are subject to test before being passed.

Rodent Control:

Private businesses and dwelling houses were treated as and where necessary—a charge being made to properties other than dwelling house property, and complete sewer treatments were carried out during the year. A Rodent Operator is employed by the Council for the purpose of carrying out this work.

The public continue to report promptly to the Council Offices any infestation of rats and mice being found on their property.

No. of premises visited	No. of baits laid
451	4,134

The number of visits made during the year on Rat Infested premises during which treatment was carried out being ... 3,451

Water Supply:

(a) The water supply to the area has been largely satisfactory in quality and quantity.

(b) The total number of bacteriological samples taken in the Shildon area during 1962 was 38. Of these, 37 were classed as satisfactory and one as suspicious.

(c) The water supply to Shildon is not plumbo-solvent.

(d) Chlorination is carried out after all main repairs and bacteriological tests are made until a satisfactory result is obtained.

(e) There are 4,642 dwelling houses supplied, 92 lock-up shops or offices and 145 metered trade supplies.

(f) During the year it was found that the bulk of the Council houses on the Jubilee Field Estate were being served with water from Mainsforth Colliery supplied by the Durham County Water Board. This water had caused extensive dezincification to fittings of the hot water systems in the houses and, as a result, immediate action had to be taken to renew these fittings with a type on which the water would have no action. This matter was taken up with the Durham County Water Board and is being continued but I deem it advisable for all persons in the Sunnydale area who have hot water systems to ensure for themselves that similar action has not taken place in their hot water systems. The water itself is wholesome and satisfactory in quality and quantity but does cause extensive damage to "soft" brass fittings of back boilers and copper cylinders.

The areas supplied with Mainsforth water are as follows:—

Cheapside	1-28 consecutive
Market Place...	1-28 ,,
St. Paul's Terrace	1-28 inclusive
Alexandra Street	1-32 ,,
King Edward Street	1-31 ,,
Alexandra Gardens	1-9A ,,
Albert Street	2-40 even numbers
Roseberry Terrace	1-15 consecutive
Queen Street	1-20 ,,
Foundry Street	2-32 even numbers
Waverley Terrace	1-20 consecutive
Phoenix Place	1-4 ,,
Temperance Avenue...	1-11 inclusive
Rose Cottages	1-4 consecutive
North Terrace	1-15 ,,
Eldon Bank Top	18 houses

JUBILEE FIELDS ESTATE

Coronation Avenue	10-90 even numbers
Coronation Avenue	49-97 odd numbers
Maple Avenue	2-32 even numbers
Maple Avenue	11-27 odd numbers
Pine Tree Crescent	1-51 odd numbers
Pine Tree Crescent	2-30 even numbers
Rowan Avenue	1-4 consecutive
Holly Hill	1-60 ,,
Larch Avenue	5-39 odd numbers
Larch Avenue	2-40 even numbers
Lime Grove	1-31 odd numbers
Lime Grove	2-52 even numbers
Oak Lea	1-14 inclusive
Willow Walk	1-22 consecutive
Yew Tree Avenue	1-7 odd numbers
Yew Tree Avenue	2-32 even numbers
Queensway	1-21 inclusive

2 houses on Private Development Site.

Summary of Notices and work done in the Public Health Inspectors Department during the Year ended 1962.

Houses erected in area:

	With State Assistance	Unaided	Total
(a) By Local Authority	59	—	59
(b) By any other Local Authority ...	—	—	—
(c) By private persons	—	4	4
	59	4	63

2. Closing and Demolition of Houses.

(a) Formal Action:

	No.
(i) No. of houses demolished during the year as a result of Clearance Schemes or other formal action	—
(ii) No. of houses Closed but not demolished as a result of formal action	25
(iii) No. of houses in Clearance Areas and individual unfit houses, demolition of which temporarily postponed	17
(iv) No. of houses in use as temporary accommodation	1

(b) Informal Action:

(i) No. of houses permanently discontinued as dwellings as a result of informal action and not included above	—

3. Reconditioning and Repair.

No. of houses made fit during year by procedure under Housing Acts (excluding temporary accommodation) or Public Health Acts:—

	No.
(a) As a result of informal action	7
(b) By owners as a result of statutory notice ...	2
(c) By Local Authority in default of owners ...	—

General Summary.

	No. of Inspections	No. of **Informal** Notices served	No. of **Statutory** Notices served	Defects Remedied after Notice	Legal Proceedings and General Remarks
Housing:	1,283	Repairs carried out to Council Houses through this department by Direct Labour.			
Public Health and Housing Acts	316	—	—	—	Inspections for rehousing.
Overcrowding	—	—	—	—	
Sanitary Conveniences:					
Insufficient	196	98	127	—	Privy Conversion Scheme to commence in 1963.
Defective	—	—	—	—	
Drainage	57	24	—	12	
Water supply	80	—	—	—	Council property dezincification.
Food Premises	90	5	2	2	1 No. Prosecution.
Shops Act	—	—	—	—	
Dairies	—	—	—	—	
Slaughter Houses:					
Public	—	—	—	—	
Private	250	—	—	—	
Tents, Vans, etc.	—	—	—	—	
Offensive Trades	—	—	—	—	
Factories and Workplaces...	33	2	—	2	
Keeping of Animals	7	2	—	1	
Insanitary Ashpits and Receptacles ...	4	2	—	2	
Offensive Accumulations	3	1	—	1	
Smoke Nuisances	20	3	—	3	
Prevention of Damage by Pests Act, 1949	713	3	—	3	
Standard Grants	169	—	—	—	
Dysentery Investigation	183	—	—	—	
	3,404	140	129	26	

SANITARY CIRCUMSTANCES OF THE AREA—
continued

4.

(a) Water, Food and Drugs:

	No.
Samples of water taken for Analysis (water samples are taken by the Durham County Water Board)	—
Seizures of unwholesome food (voluntarily surrendered)	45
Samples of Food and Drugs taken for Analysis or found to be adulterated	—
No isolated samples were taken by this Council as this is the function of the Durham County Council	—
No cases of food adulteration were reported to this Council.	

(b) Precautions against Infectious Diseases:

Lots of Infectious Bedding Stoved or Destroyed	2
Houses disinfected after Infectious Disease ...	4

(c) General:

Number of new houses Erected during the year	63
Number of such houses Occupied during the year	63
Total number of Water Closets in the District ...	4,826
Total number of Ash-pit privies in District ...	174

PRIVY CONVERSIONS

The Scheme introduced by this Council in 1957, for a Grant of £10 0s. 0d. per privy, continues to be operated, mainly in areas Eldon, Brusselton and Middridge.

The number of Conversions completed during the year ended 31st December, 1962, being 2.

During the year, notices were served upon the owners of houses in Eldon for a Privy Conversion Scheme for the conversion of 98 privies. This will put the whole of Eldon on to the Water Carriage System and will then only leave approximately 79 privies in the outlying parts of the area.

MILK RETAILERS

There are seven Retail Purveyors in the District who are supplying either Pasteurised or Tuberculin Tested (Pasteurised) Milk.

SANITARY CIRCUMSTANCES OF THE AREA—
continued

Regular samples are taken for testing by the Durham County Council Weights and Measures Department who have reported satisfactory results during the year.

SLAUGHTERHOUSES

Under the provisions of the Slaughterhouses Act, 1958, there are now only 4 slaughterhouses operating in the area, 2 of which only slaughter pigs and sheep. The 4 slaughterhouses concerned are each attached to the retail shop for which they are used, and conform to the standards laid down under the provisions of the above Act, and have been duly licensed thereunder. All animals slaughtered have been subject to inspection which has amounted to 100%. A high standard of cleanliness has been maintained in the slaughterhouses throughout the period.

The slaughterhouses have also been inspected by the Officers of the Ministry of Agriculture, Fisheries and Food have been found satisfactory.

The 4 slaughterhouses concerned are as follows:—

(1) J. N. Percival ... 25, Church Street, Shildon.
(2) J. Studham ... 49, Church Street, Shildon.
(3) F. S. Hodgson ... 13, St. John's Road, Shildon.
(4) E. Smith (Jnr.) ... 9, Redworth Road, Shildon.

The total number of animals inspected during the year being:—

	Animals Slaughtered
Cattle	196
Sheep	424
Pigs	229

HOUSING

(**a**) The Council's Pre- and Post-War Housing Programmes are summarised as follows:—

	No. Erected
1919 Act	124
1930-1935 Act:	
North Eastern Housing Association, Newcastle. (Let by this Council)	100

	No. Erected
Post-War Temporary Housing	31
Post-War Permanent Housing	824
Post-War Aged Persons Bungalows	155
Post-War Flats	58
(28 available for Old Aged Persons)	

(b) The 5 year Clearance Plan, as compiled in 1955, progressed satisfactorily and below is a statement of the position at 31st December, 1962, with regard to this. Work has now been commenced on the 2nd phase with a view to Clearance 1961-1966.

Location	No. of houses	Cleared at 31.12.62	Still outstanding at 31.12.62
Auckland Terrace, Shildon (Nos. 97-153)	13	—	13
North Side, Middridge	5	—	5
South Side, Middridge	6	—	6

Dalton Street/Marley Street/Garbutt Street/Auckland Terrace area was the subject of a Ministry Inquiry for Clearance and Compulsory Purchase. This was subsequently confirmed and it is anticipated to start re-housing in 1963.

The number of houses for Clearance involved being 39.

The total number of houses already included in Clearance and Demolition Orders which have been dealt with in the Post-War years is 517.

(c) Re-Housing:

During the year ended 31st December, 1962, 94 houses were let to the following groups, in accordance with the Council's allocation of houses Scheme:

	No.
Points	56
Individual Unfit Houses...	29
Medical Cases	1
Key Workers	7
Eviction Cases	1
	94

(d) The number of houses built by the Council during the year was 59, situated on the Jubilee Field Site and Market Place Sites.

Every effort is being made to provide accommodation for the aged in the form of 1 or 2 bedroom type bungalows as the number of applicants for this accommodation increases each year.

The allocation of Council houses is made on the following grounds:

(1) Clearance.

(2) Points.

together with serious medical cases and special provisions being made to allocate bungalows to old people within the town itself.

Persons requiring housing accommodation, should complete the Housing Application Form, obtainable at the Council Offices, for inclusion on the following year's Housing List.

The number of applicants remaining on the Housing and Bungalow List at 31st December, 1962, were as follows:—

Applications	Type of dwelling required
141	Two bedroom house.
33	Three bedroom house.
155	Bungalows.

Progress has been made in the discontinuance of the life of the Prefabricated Dwellings on Elm Drive Estate, of which there were 43. During the year, 12 of these were vacated and have now been closed. All efforts are being made to complete the Clearance of this site as early as possible to allow for re-development.

Part I—Applications for Certificates of Disrepair:

(a)	No. of applications for Certificates	—
(b)	No. of decisions not to issue Certificates ...	—
(c)	No. of decisions to issue Certificates—	
	(i) in respect of some but not all defects ...	—
	(ii) in respect of all defects	—
(d)	No. of undertakings given by Landlords under para. 5 of the 1st Schedule	—
(e)	No. of undertakings refused by Local Authority under proviso to para. 5 of the 1st Schedule ...	—
(f)	No. of Certificates issued	—

Part II—Applications for Cancellation of Certificates:

(g)	Applications by Landlords to Local Authority for cancellation of Certificates	—
(h)	Objections by Tenants to cancellation of Certificates	—
(i)	Decisions by Local Authority to cancel in spite of Tenant's objections	—
(j)	Certificates cancelled by Local Authority ...	—

(e) House Purchase and Housing Act, 1959 (Standard Grants).

The following is a summary of applications received under the provisions of the above Act, from January, 1962—31st December, 1962:—

(i)	No. of applications received	63
(ii)	No. of applications approved	59
(iii)	No. of applications rejected	4
(iv)	No. of improvements completed	47

It is pleasing to note the efforts of the Shildon Accident Prevention Society. During the year 1961/1962, the team were successful in again winning the Northumberland and Durham Cycling Proficiency Championship.

During this year, 90 children were trained in cycling proficiency as follows:

(a)	First year.	43 No.
(b)	Second year.	30 No.
(c)	Third year.	12 No.
(d)	Fourth year.	5 No.

WATER SUPPLY

TYPICAL ANALYSIS OF MAINSFORTH TREATED WATER

PHYSICAL CHARACTERISTICS:

Appearance ...	Colourless, clear and bright
pH Value	7.8
Colour in Hazen Units	Less than 5
Conductivity m.u. at 18° C.	1,155
Odour ... Nil Taste ...	Slightly saline
Turbidity A.P.H.A. Units	Nil

CHEMICAL EXAMINATION:	Parts per Million
Total Solids dried at 180° C.	780
Suspended solids	Nil
Free Acidity as CO_2	Nil
Free Alkalinity as CO_2	Nil
Total Alkalinity as $CaCO_3$	175
Hardness as $CaCO_3$— ...	
Carbonate Hardness	110
Non-Carbonate Hardness	—
Total Hardness	110
Chlorides as Cl	71
Sulphates as SO_4...	320
Nitrates as N_2	0.1
Nitrites as N_2	Nil
Free and Saline Ammonia as NH_3	0.08
Albuminoid Ammonia as NH_3...	0.02
Oxygen Absorbed Test at 27° C. (4 hours) ...	Less than 0.05
Soluble Silica as SiO_2	5.0
Aluminium as AI	Less than 0.1
Copper as Cu	Less than 0.1
Iron as Fe...	Less than 0.1
Lead as Pb	Less than 0.1
Manganese as Mn	Less than 0.1

The supply is chlorinated to give a residual not exceeding 0.3 p.p.m. leaving the plant. The chlorine is mostly present as chloramine.

Appearance ... Very slightly coloured, almost clear with no obvious sediment.

TYPICAL ANALYSIS OF TUNSTALL TREATED WATER

PHYSICAL CHARACTERISTICS

pH Value	8.3
Colour in Hazen Units	17.0
Conductivity m.u. at 18° C.	130.0
Turbidity A.P.H.A. Units	1.0

CHEMICAL EXAMINATION:	Parts per Million
Total Solids dried at 180° C.	100.0
Suspended Solids dried at 180° C.	Nil
Free Acidity as CO_2	1.0

	Parts per Million
Free Alkalinity as $CaCO_3$	Nil
Total Alkalinity as $CaCO_3$	34.0
Hardness as $CaCO_3$—	
Carbonate Hardness	34.0
Non-Carbonate Hardness	20.0
Total Hardness	54.0
Chlorides as CI	9.0
Sulphates as SO_4...	29.0
Nitrates as N_2	0.2
Nitrites as N_2	Trace
Free and Saline Ammonia as NH_3	0.1
Albuminoid Ammonia as NH_3...	0.1
Oxygen Absorbed test at 27° C. (4 hours) ...	1.0
Soluble Silica as SiO_2	2.0
Aluminium as Al...	0.5 Max.
Copper as Cu	Nil
Fluorine as F	0.1
Iron as Fe...	0.1
Lead as Pb	Nil
Manganese as Mn	0.1

The residual chlorine content should not exceed 0.5 p.p.m. and is usually present as chloramine.

FACTORIES ACT, 1937

Regular visits were paid to the factories in the area and, in general, conditions were found to be good.

I remain,

Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant,

J. M. HEGARTY,

Medical Officer of Health,
Shildon Urban District Council.

SHAW & SONS LTD., FETTER LANE, LONDON, E.C.4.